

Pr file ID	Profile 1
Profile name	Sports Fan
Profile description	Locates programs about my favorite teams
Profile priority	1
Profile active	Yes
Auto-record	On
Alerts	On
Alerts per hour	3
Alerts minutes in advance	2
Profile activation time	18:00:00 - 23:0:00
Category scores	Sports,10 Football,5; Baseball,10;... NFL,1; College Football,10; Arena, 0;... Redskins,0; Raiders,0; Colts,0;...
Keywords:	highlights

Figure 1

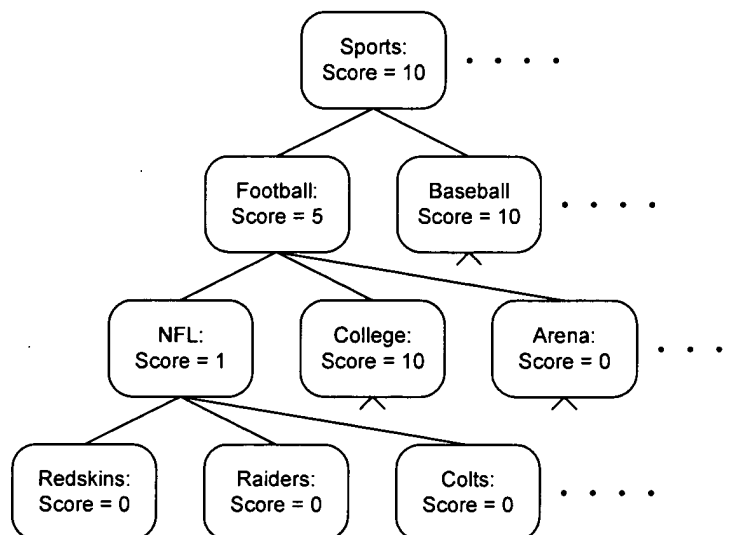


Figure 2

Program identifier:	762645819.0405		
Program title:	Sports Central		
Program description:	The day's leading sports news and highlights		
Channel:	Sports Network		
Date:	12/10/2003		
Time:	8:00 pm		
Duration:	60 min		
Rating:	General		
Language:	English		
Alternate language:	Spanish		
Closed caption:	Yes		
Audio type:	Stereo		
Categories:	Sports,10 Football, 8; Baseball,10; Basketball,10; Hockey,10;... NFL, 9; College football,7; NBA,9; College basketball,10;... Raiders,10;		
Keywords:	Trade; free agent; championship;...		
Actors:			
Director:			

Program metadata

Program identifier:	762645819.0405		
Program title:	Sports Central		
Segment identifier:	762645819.0405.0004		
Segment title:	Baseball		
Segment description:	Baseball trades and signings		
Channel:	Sports Network		
Date:	12/10/2003		
Time:	8:22 pm		
Duration:	4 min		
Rating:	General		
Language:	English		
Alternate language:	Spanish		
Closed caption:	Yes		
Audio type:	Stereo		
Categories:	Sports,10 Baseball,10 Professional baseball, 10 Yankees,10; Red Sox,9; ...		
Keywords:	Free agent; pitcher; ...		
Actors:			
Director:			

Segment metadata

Figure 3

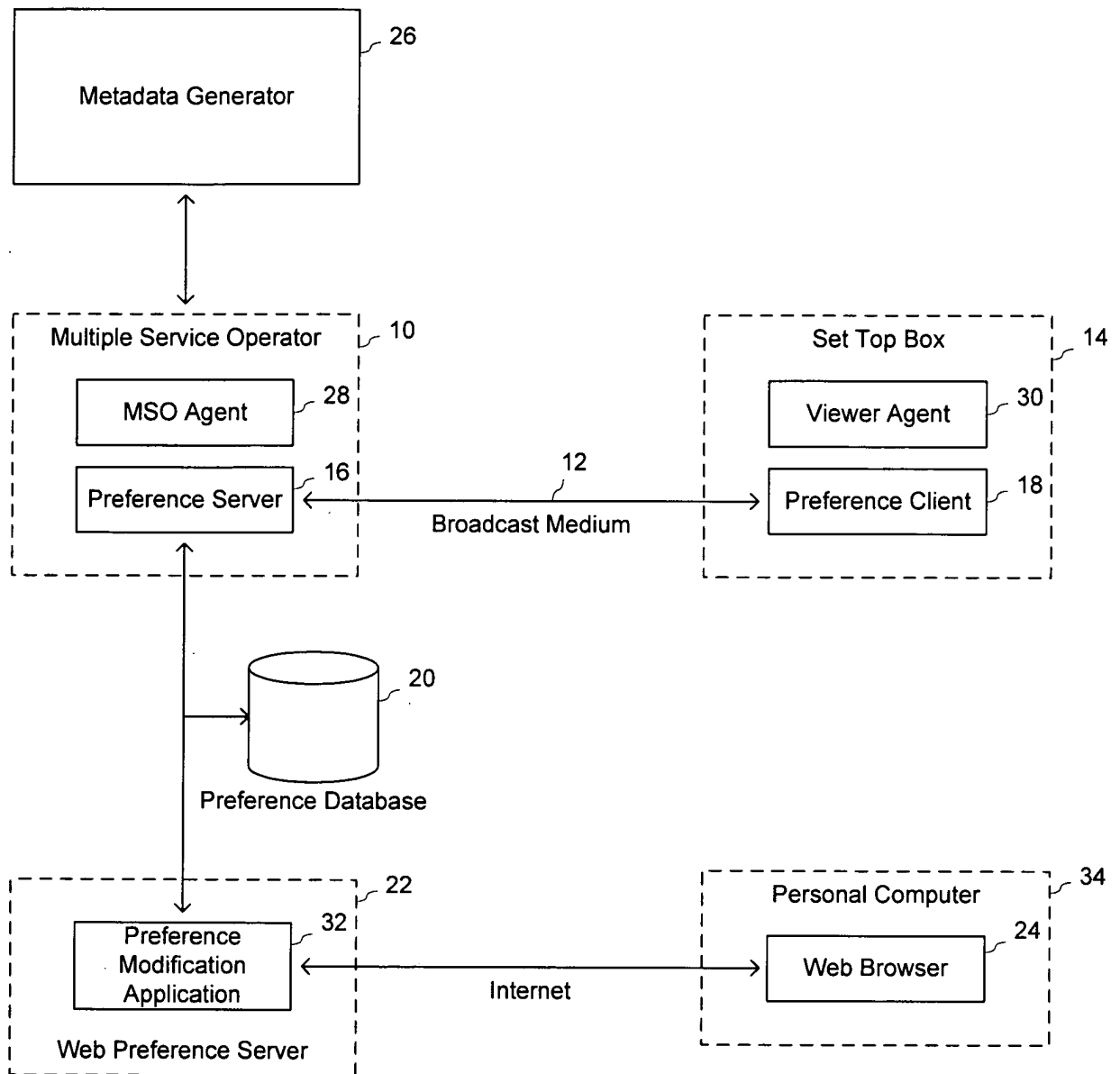


Figure 4

MSO Agent

- Receive program and segment metadata
- Distribute metadata to STBs

Viewer Agent

- Input viewer preferences
- Receive program and segment metadata
- Identify programs and segments of interest
- Generate alerts
- Schedule recordings

Preference Server

- Receive preferences from STB
- Receive updated preferences from web server
- Update preferences in accordance with changes in category hierarchy
- Send updated preferences to STBs

Preference Client

- Send preferences to server
- Obtain preferences from server in the event of first launch/reboot
- Check for and obtain updated preferences from server

Figure 5

MSO Agent

- Receive program and segment metadata
- Identify programs and segments of interest
- Generate alerts
- Schedule recordings

Viewer Agent

- Input viewer preferences
- Receive alerts
- Receive recording instructions

Preference Server

- Receive preferences from STB
- Receive updated preferences from web server
- Update preferences in accordance with changes in category hierarchy
- Send updated preferences to STBs

Preference Client

- Send preferences to server
- Obtain preferences from server in the event of first launch/reboot
- Check for and obtain updated preferences from server

Figure 6

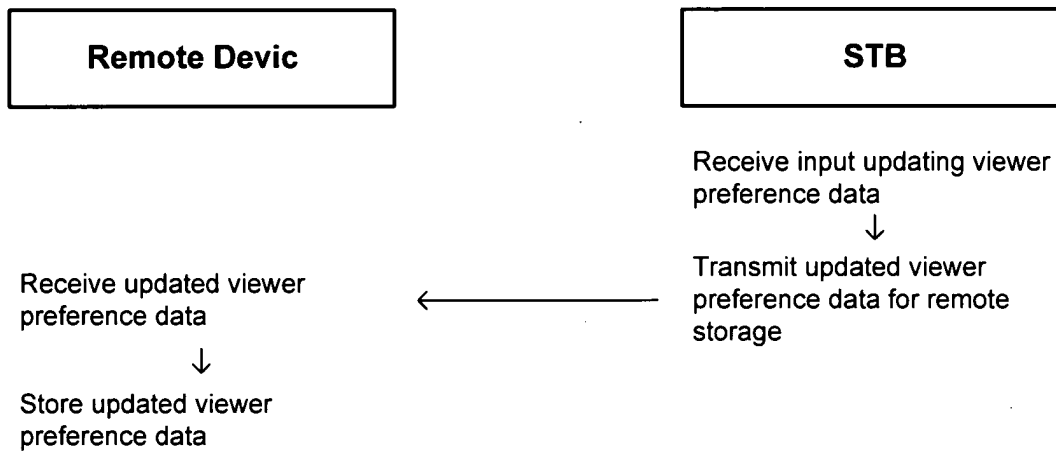


Figure 7

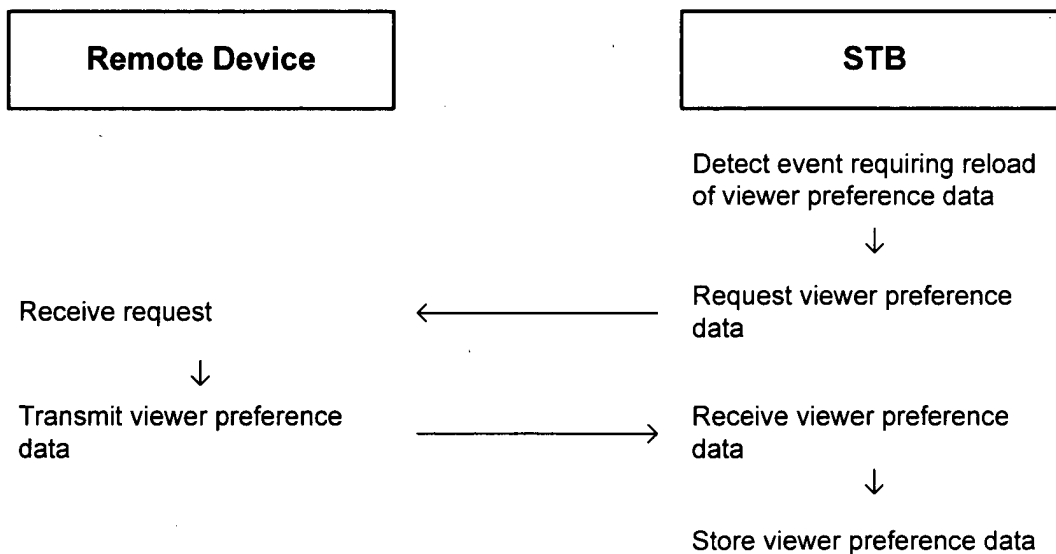


Figure 8

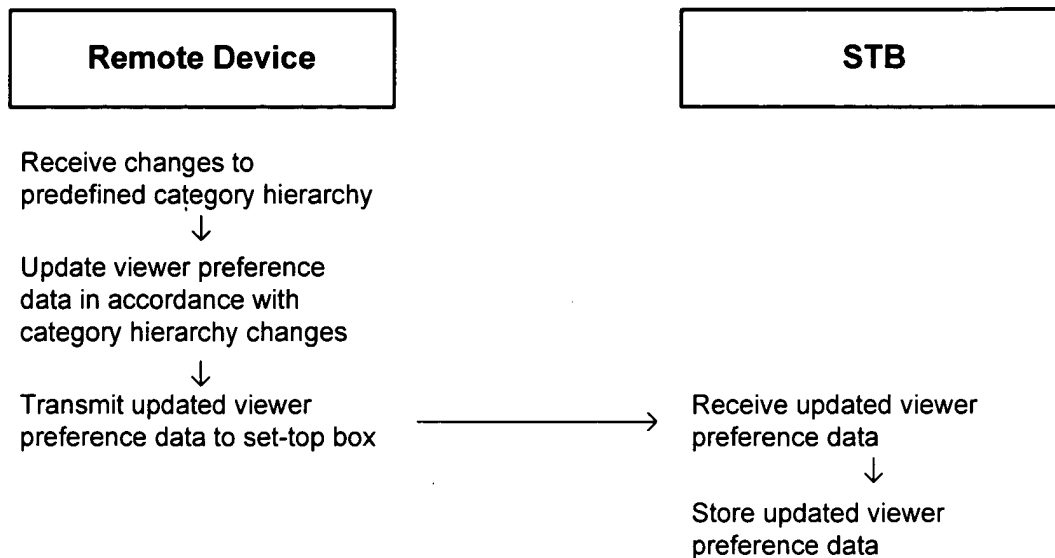


Figure 9

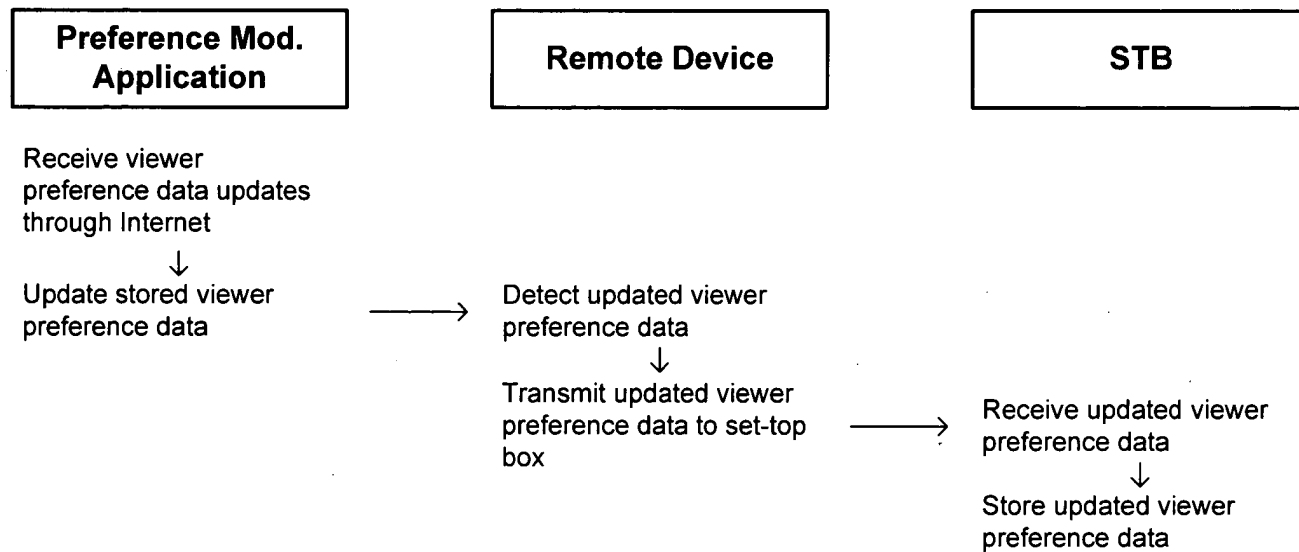


Figure 10